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herein by reference and to which application priorities are claimed under 35 USC §120.--

In the Claims:

Cancel claims 1-30 without prejudice to later prosecution in a continuing application and add the following new claims.

--31. A method of increasing survival of a neuron, comprising administering a survival-promoting amount of cardiotrophin-1 to the neuron.

- 32. The method of claim 31, wherein the neuron is a peripheral nervous system neuron.
- 33. The method of claim 32, wherein the neuron is a ciliary ganglion.
- 34. The method of claim 32, wherein the neuron is a motor neuron.
- 35. The method of claim 31, wherein the increasing survival treats a neurological disorder.
- 36. The method of α alaim 35, wherein the disorder is a peripheral neuropathy.
- 37. The method of claim 36, wherein the disorder is a peripheral neuropathy of a motor neuron.
- 38. The method of claim 36 wherein the disorder is a peripheral neuropathy of a parasympathetic neuron.
- 39. The method of claim 38, wherein the neuron is a ciliary ganglion.

170 38. The method of claim 35, wherein the neurological disorder is caused by trauma.

The method of claim 31 further comprising administering a therapeuticall effective amount of a second neurotrophic factor.

W The method of claim 39, wherein the second neurotrophic factor is selected from the group consisting of IGF-1, CNTF, NGF, BDNF, NT-3, and NT-4.--